

**ENGINEERING ANALYSIS
MASTERBRAND CABINETS, INC.
TALLADEGA, ALABAMA
309-0053**

On August 1, 2011, Masterbrand Cabinets, Inc. (Talladega) submitted a Synthetic Minor Operating Permit (SMOP) application. Masterbrand Talladega currently has a Title V permit. Fees were paid on January 17, 2012.

OPERATION:

Masterbrand Talladega manufactures wooden cabinets. The standard industrial classification (SIC) code for this operation is 2434 according to the company. Over the past few years, several paint lines have been removed from this facility. Currently, the facility has one paint booth that is used for touch-up operations. The facility also has many woodworking operations that are controlled with four baghouses. They also have an adhesive operation for certain cabinets. In the past, the Department has permitted additional painting operations, but they were not constructed.

EMISSIONS: (IN TPY)

POLLUTANT	POTENTIAL	ACTUAL	REQUESTED PERMIT LIMIT
VOCs		1	95
PM10			
ALL HAPS		<1	23
XYLENE			9
TOULENE			9

APPLICABLE REGULATIONS:

Masterbrand Talladega currently has a Title V permit that will expire on February 4, 2012. They are currently Title V major for criteria pollutants and Title V minor for HAPs. Masterbrand Talladega wishes to obtain a SMOP to exempt them from the major source permitting. The potential emissions of HAPs for the facility do not exceed the major source thresholds for MACT applicability. There are no controls on the painting process.

Masterbrand Talladega's total VOC emissions will be restricted to 95 TPY. Masterbrand Talladega's Hazardous Air Pollutant emissions (HAP) will be restricted to 9 TPY for any individual HAP and to 23 TPY for any combination of HAP emissions. There are no MACT standards, New Source Performance Standards (NSPS), or other state regulations applicable to this facility. No new construction will take place that will require an Air Toxics review.

RECOMMENDATIONS:

Pending the results of the public comment period, I recommend that a Synthetic Minor Operating Permit (SMOP) 309-0053-X001 be issued to this facility subject to the attached provisos.

Kevin M. Fulmer
Chemical Branch
Air Division

October 2011
Date

KMF/kmf

Xxxxxxxx, 2011

AJ Woods
Masterbrand Cabinet Company
101 East Parkway
Talladega, AL 35160

Facility Number: 309-0053 (Talladega)

Dear Mr. Woods:

The enclosed Synthetic Minor Source Operating Permit is issued pursuant to the Department's air pollution control rules and regulations. Please note the conditions that must be observed in order to retain this permit.

If you have any questions or require clarification of permit conditions, please write or call Kevin Fulmer at (334) 270-5652 in Montgomery.

Sincerely,

Ronald W. Gore, Chief
Air Division

KMF/kmf